

HPU31B series

30W Desktop type medical power supplies for Health care applications.

The HPU31B series of AC/DC switching mode [power](#) supplies provide 30 Watts of continuous output power . All supplies are UL94V-1 min compliant. They are suited for use in Health care applications. All models meet FCC Part-18 class B and CISPR-11 EN55011 class B emission Limits and are designed to comply with UL/c-UL(UL 60601-1:2nd Edition) ,TUV/T-mark (EN 60601-1:2nd Edition) and new CE requirements. All units are 100% burned in and tested.



Features

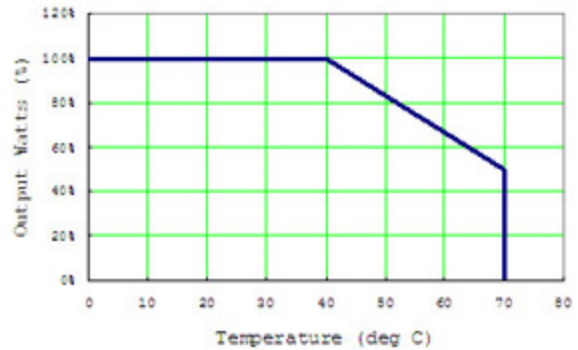
- Wide Operating Voltage 90 to 264 VAC, 47 to 63 Hz
- IEC-320-C8 Input Inlet
- Energy Star 2.0, Efficiency level V
- Single Output
- Class II
- 2 year warranty

Electrical characteristics

- Efficiency: 83.5% typ.
- Line Regulation: 0.5% typ.
- Load Regulation: 5% typ.
- Hold-up Time: 12mS min.
- Output ripple and noise: 1% (Typ.).

Environmental

- Operating Temperature: 0 to 70°C
- Derate linearly from 100% load at 40°C to 50% load at 70°C
- Storage Temperature: -40~85°C
- Operating Humidity : 0~95%
- Storage Humidity: 0~95%
- MTBF: 100,000 calculated hours



Model No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Certificate
▶HPU31B-102	5~6VDC	4.00~3.33A	5%	20W	UL, CE, CB, T-mark, FCC, PSE, RoHS
▶HPU31B-103	6~8VDC	3.83~2.87A	5%	23W	UL, CE, CB, T-mark, FCC, CEC Level V, PSE, RoHS
▶HPU31B-104	8~11VDC	3.38~2.45A	5%	27W	UL, CE, CB, T-mark, FCC, CEC Level V, RoHS
▶HPU31B-105	11~13VDC	2.74~2.30A	5%	30W	UL, CE, CB, T-mark, FCC, CEC Level V, RoHS
▶HPU31B-106	13~16VDC	2.30~1.88A	5%	30W	UL, CE, CB, T-mark, FCC, CEC Level V, RoHS
▶HPU31B-107	16~21VDC	1.88~1.43A	5%	30W	UL, CE, CB, T-mark, FCC, CEC Level V, RoHS
▶HPU31B-108	21~27VDC	1.43~1.11A	3%	30W	UL, CE, CB, T-mark, FCC, CEC Level V, RoHS
▶HPU31B-109	27~33VDC	1.11~0.91A	3%	30W	UL, CE, CB, T-mark, FCC, CEC Level V, RoHS
▶HPU31B-110	33~40VDC	0.91~0.75A	3%	30W	UL, CE, CB, T-mark, FCC, CEC Level V, RoHS
▶HPU31B-111	40~48VDC	0.75~0.63A	3%	30W	UL, CE, CB, T-mark, FCC, CEC Level V, RoHS